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What is claimed is:

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1. A method for diagnosing the presence of a gastrointestinal cancer in a patient comprising:

- 5 (a) measuring levels of CC2 in cells, tissues or bodily fluids in a patient; and
10 (b) comparing the measured levels of CC2 with levels of CC2 in cells, tissues or bodily fluids from a normal human control, wherein a change in measured levels of CC2 in said patient versus normal human control is associated with the presence of a gastrointestinal cancer.

2. A method of diagnosing metastases of a gastrointestinal cancer in a patient comprising:

- 15 (a) identifying a patient having a gastrointestinal cancer that is not known to have metastasized;
15 (b) measuring CC2 levels in a sample of cells, tissues, or bodily fluid from said patient; and
(c) comparing the measured CC2 levels with levels of CC2 in cells, tissue, or bodily fluid of a normal human control, wherein an increase in measured CC2 levels in the
20 patient versus the normal human control is associated with a cancer which has metastasized.

3. A method of staging a gastrointestinal cancer in a patient having a gastrointestinal cancer comprising:

- 25 (a) identifying a patient having a gastrointestinal cancer;
(b) measuring CC2 levels in a sample of cells, tissue, or bodily fluid from said patient; and
(c) comparing measured CC2 levels with levels of CC2 in cells, tissues, or bodily fluid of a normal human
30 control, wherein an increase in measured CC2 levels in said patient versus the normal human control is associated with a cancer which is progressing and a decrease in the

30 7. An antibody which specifically binds CC2.

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8. A method of imaging a gastrointestinal cancer in a patient comprising administering to the patient an antibody of claim 7.

9. The method of claim 8 wherein said antibody is
5 labeled with paramagnetic ions or a radioisotope.

10. A method of treating a gastrointestinal cancer in a patient comprising administering to the patient an antibody of claim 7.

11. The method of claim 10 wherein the antibody is
10 conjugated to a cytotoxic agent.